

# Package ‘rmdformats’

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**License** GPL (>= 2)

**Encoding** UTF-8

**Title** HTML Output Formats and Templates for 'rmarkdown' Documents

**Description** HTML formats and templates for 'rmarkdown' documents, with some extra features such as automatic table of contents, lightboxed figures, dynamic crosstab helper.

**Imports** knitr, rmarkdown, bookdown, htmltools

**Suggests** questionr, DT, palmerpenguins, ggplot2

**URL** <https://github.com/juba/rmdformats>

**BugReports** <https://github.com/juba/rmdformats/issues>

**RoxygenNote** 7.1.2

**NeedsCompilation** no

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downcute

*Convert to an HTML document***Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```
downcute(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  highlight = NULL,
  default_style = c("light", "dark"),
  downcute_theme = c("default", "chaos"),
  ...
)
```

**Arguments**

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
<code>toc_depth</code>	adjust table of contents depth
<code>embed_fonts</code>	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.
<code>use_bookdown</code>	if TRUE, uses <a href="#">html_document2</a> instead of <a href="#">html_document</a> , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of <code>rmarkdown::html_document</code>

md\_extensions arguments passed to the md\_extensions argument of rmarkdown [html\\_document](#)  
 mathjax set to NULL to disable Mathjax insertion  
 highlight syntax highlighting, forced to NULL as highlighting is done via prism.js  
 default\_style specify default display style, "light" or "dark"  
 downcute\_theme document template theme  
 ... Additional function arguments passed to R Markdown [html\\_document](#)

### Details

CSS taken from the docute project and adaptations made by John Coene. Please note that as syntax highlighting is done with the Prism JavaScript library, using the 'highlight' argument here will have no effect.

### Value

R Markdown output format to pass to [render](#)

---

html_clean	<i>Convert to an HTML document</i>
------------	------------------------------------

---

### Description

Format for converting from R Markdown to an HTML document.

### Usage

```

html_clean(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = TRUE,
  thumbnails = TRUE,
  gallery = FALSE,
  toc = TRUE,
  toc_depth = 2,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)

```

**Arguments**

fig_width	Default width (in inches) for figures
fig_height	Default width (in inches) for figures
fig_caption	TRUE to render figures with captions
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
lightbox	if TRUE, add lightbox effect to content images
thumbnails	if TRUE display content images as thumbnails
gallery	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
toc	if TRUE, display a table of contents
toc_depth	adjust table of contents depth
use_bookdown	if TRUE, uses <a href="#">html_document2</a> instead of <a href="#">html_document</a> , thus providing numbered sections and cross references
pandoc_args	arguments passed to the pandoc_args argument of rmarkdown <a href="#">html_document</a>
md_extensions	arguments passed to the md_extensions argument of rmarkdown <a href="#">html_document</a>
mathjax	set to NULL to disable Mathjax insertion
...	Additional function arguments passed to R Markdown <a href="#">html_document</a>

**Details**

Styling and features are very similar to the ones from the great knitrBootstrap package by Jim Hester : <https://github.com/jimhester/knitrBootstrap>

**Value**

R Markdown output format to pass to [render](#)

---

html\_docco

*Convert to an HTML document*

---

**Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```
html_dooco(
  fig_width = 6,
  fig_height = 6,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = TRUE,
  thumbnails = TRUE,
  gallery = FALSE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)
```

**Arguments**

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
<code>use_bookdown</code>	if TRUE, uses <a href="#">html_document2</a> instead of <a href="#">html_document</a> , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of rmarkdown <a href="#">html_document</a>
<code>md_extensions</code>	arguments passed to the <code>md_extensions</code> argument of rmarkdown <a href="#">html_document</a>
<code>mathjax</code>	set to NULL to disable Mathjax insertion
<code>...</code>	Additional function arguments passed to rmarkdown <a href="#">html_document</a>

**Details**

The CSS is heavily inspired from the default one of the docco project : <https://ashkenas.com/docco/>.

**Value**

R Markdown output format to pass to [render](#)

---

lockdown	<i>Convert to an HTML document</i>
----------	------------------------------------

---

**Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```
lockdown(...)
```

**Arguments**

... Additional function arguments passed to R Markdown [html\\_document](#)

**Details**

TODO

**Value**

R Markdown output format to pass to [render](#)

---

material	<i>Material design - bootstrap HTML output format</i>
----------	---

---

**Description**

Format for converting from R Markdown to an HTML document with a material design theme.

**Usage**

```
material(  
  fig_width = 6,  
  fig_height = 6,  
  fig_caption = TRUE,  
  highlight = "kate",  
  lightbox = TRUE,  
  thumbnails = TRUE,  
  gallery = FALSE,  
  cards = TRUE,  
  use_bookdown = FALSE,  
  pandoc_args = NULL,  
  md_extensions = NULL,  
  mathjax = "rmdformats",  
  ...  
)
```

**Arguments**

fig_width	Default width (in inches) for figures
fig_height	Default width (in inches) for figures
fig_caption	TRUE to render figures with captions
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
lightbox	if TRUE, add lightbox effect to content images
thumbnails	if TRUE display content images as thumbnails
gallery	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
cards	if TRUE, sections will be presented as distinct and animated cards
use_bookdown	if TRUE, uses <a href="#">html_document2</a> instead of <a href="#">html_document</a> , thus providing numbered sections and cross references
pandoc_args	arguments passed to the pandoc_args argument of rmarkdown <a href="#">html_document</a>
md_extensions	arguments passed to the md_extensions argument of rmarkdown <a href="#">html_document</a>
mathjax	set to NULL to disable Mathjax insertion
...	Additional function arguments passed to R Markdown <a href="#">html_document</a>

**Details**

JavaScript and CSS taken and adapted from the Material design theme for Bootstrap 3 project : <https://github.com/FezVrasta/bootstrap-material-design>.

**Value**

R Markdown output format to pass to [render](#)

---

pilltabs	<i>Given a cross-table, outputs HTML code to display several views of with a tabbed interface</i>
----------	---

---

**Description**

Given a two dimensions contingency table, this function outputs HTML code to display, within a dynamic tabbed interface, the count, row percentages, column percentages and chi-squared residuals tables.

**Usage**

```
pilltabs(  
  tab,  
  count = TRUE,  
  rows = TRUE,  
  cols = TRUE,  
  chisq = TRUE,  
  resid = TRUE,  
  row.names = TRUE  
)
```

**Arguments**

tab	a two dimensions table object
count	whether or not to display the count table
rows	whether or not to display the row percentages table
cols	whether or not to display the column percentages table
chisq	whether or not to display the table chi-squared test results
resid	whether or not to display the chi-squared residuals table
row.names	whether or not to display the table row names

**Details**

The function is intended to be called inside an rmarkdown document.

**Value**

No value is returned.

**Examples**

```
data(airquality)  
tab <- table(airquality$Month, airquality$Ozone > 25)  
pilltabs(tab)
```

---

print.pilltabs

*Printing functions for pilltabs*

---

**Description**

Not to be used directly



**Usage**

```
## S3 method for class 'pilltabs'
print(x, ...)

## S3 method for class 'pilltabs'
knit_print(x, ...)
```

**Arguments**

x                    data to be printed, generated by [pilltabs](#)  
 ...                  arguments passed to other methods

---

readthedown	<i>Convert to an HTML document</i>
-------------	------------------------------------

---

**Description**

Format for converting from R Markdown to an HTML document.

**Usage**

```
readthedown(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  use_bookdown = FALSE,
  pandoc_args = NULL,
  md_extensions = NULL,
  mathjax = "rmdformats",
  ...
)
```

**Arguments**

fig\_width            Default width (in inches) for figures  
 fig\_height          Default width (in inches) for figures  
 fig\_caption         TRUE to render figures with captions  
 highlight           Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.

lightbox	if TRUE, add lightbox effect to content images
thumbnails	if TRUE display content images as thumbnails
gallery	if TRUE and lightbox is TRUE, add a gallery navigation between images in lightbox display
toc_depth	adjust table of contents depth
embed_fonts	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.
use_bookdown	if TRUE, uses <code>html_document2</code> instead of <code>html_document</code> , thus providing numbered sections and cross references
pandoc_args	arguments passed to the <code>pandoc_args</code> argument of rmarkdown <code>html_document</code>
md_extensions	arguments passed to the <code>md_extensions</code> argument of rmarkdown <code>html_document</code>
mathjax	set to NULL to disable Mathjax insertion
...	Additional function arguments passed to R Markdown <code>html_document</code>

### Details

CSS adapted from the readtheorg theme of the org-html-themes project : <https://github.com/fniessen/org-html-themes>, which is itself inspired by the Read the docs theme : <https://readthedocs.org/>.

### Value

R Markdown output format to pass to `render`

---

robobook	<i>Convert to an HTML document</i>
----------	------------------------------------

---

### Description

Format for converting from R Markdown to an HTML document.

### Usage

```
robobook(
  fig_width = 8,
  fig_height = 5,
  fig_caption = TRUE,
  highlight = "kate",
  lightbox = FALSE,
  thumbnails = FALSE,
  gallery = FALSE,
  toc_depth = 2,
  embed_fonts = TRUE,
  use_bookdown = FALSE,
```

```

    pandoc_args = NULL,
    md_extensions = NULL,
    mathjax = "rmdformats",
    ...
)

```

### Arguments

<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default width (in inches) for figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "textmate". Pass NULL to prevent syntax highlighting.
<code>lightbox</code>	if TRUE, add lightbox effect to content images
<code>thumbnails</code>	if TRUE display content images as thumbnails
<code>gallery</code>	if TRUE and <code>lightbox</code> is TRUE, add a gallery navigation between images in lightbox display
<code>toc_depth</code>	adjust table of contents depth
<code>embed_fonts</code>	if TRUE, use local files for fonts used in the template. This leads to bigger files but ensures that these fonts are available. If FALSE they are downloaded from Google Web Fonts.
<code>use_bookdown</code>	if TRUE, uses <a href="#">html_document2</a> instead of <a href="#">html_document</a> , thus providing numbered sections and cross references
<code>pandoc_args</code>	arguments passed to the <code>pandoc_args</code> argument of <code>rmarkdown::html_document</code>
<code>md_extensions</code>	arguments passed to the <code>md_extensions</code> argument of <code>rmarkdown::html_document</code>
<code>mathjax</code>	set to NULL to disable Mathjax insertion
<code>...</code>	Additional function arguments passed to R Markdown <a href="#">html_document</a>

### Details

CSS adapted from the bookdown project, with Roboto family fonts.

### Value

R Markdown output format to pass to [render](#)

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